

BOEING

MILITARY AIRCRAFT

AND

MISSILE SYSTEMS

For those who defend

The Boeing Military Aircraft and Missile Systems Group is the world's leading military aircraft producer. It

manufacturers, and supports the fighters, bombers, transports, rotorcraft, missiles and munitions for military forces entrusted with the defense of their nations.

More than ever,
military planners are
challenged to
provide a
safeguard that is both
affordable and sustainable.
Boeing is meeting that
challenge, applying new
concepts, technologies,

materials and manufacturing
processes to
produce
cost-efficient
solutions
for defense.
Our goal is to
simplify our
products, streamline
how we build them, improve their
quality and performance, and
speed them to our customers at a

more affordable price.

Through a worldwide
aerospace support organization,
Boeing also offers customers
innovative solutions – including
modifications and upgrades,
training systems and services, and
logistics support – to reduce the
life-cycle costs and increase the
effectiveness of their
aerospace systems.

RAH-66 Comanche

Slated to enter service with the U.S. Army in 2006, the Boeing-Sikorsky RAH-66 Comanche is a twin-turbine, two-seat, reconnaissance helicopter armed with a 20mm Gatling gun. The Comanche will provide increased mobility and survivability, while dramatically reducing operational and support costs.

AH-64D Apache Longbow

Equipped with an advanced fire control radar and armed with "fire and forget" Hellfire missiles, the all-weather AH-64D Apache Longbow is the world's most lethal attack helicopter. It rapidly detects, classifies, prioritizes, and engages stationary and moving targets at standoff ranges.

CH-47 Chinook

Modernized cockpit displays and a strengthened airframe characterize the newest configuration of this tireless workhorse. The CH-47F is a twinturbine, tandem-rotor heavy-lift helicopter capable of carrying 25,000-pound payloads.

V-22 Osprey

The Bell-Boeing V-22 Osprey tiltrotor combines the speed and range of a turboprop airplane with the vertical lift of a helicopter. Carrying 24 troops, it provides the U.S. Marine Corps with an amphibious assault radius

of 200 nautical miles. It deploys up to 2,100 nautical miles with only one aerial refueling. The CV-22 variant will serve with the U.S. Air Force Special Operations Command.

KC-10 Extender

The advanced KC-10 Extender cargo/tanker refuels a wide variety of receptacle or probe-equipped aircraft on the same flight. It allows supervision of refueling from the forward main deck via a three-dimensional video system. This system provides superb vision at night and in poor weather, as well as enhanced depth perception.

The last KC-135 was delivered to the U.S.
Air Force in 1965. However, refurbishing and re-engine programs have given new life and improved performance to the aimset 550 tankers that will remain in service until 2020.

C-32A Executive Transport

The C-32A Executive Transport is derived from the 757-200 jettiner, the most efficient medium-to-long-range passenger jet in the world. It has seating for 45 passengers and 16 crew and carries the U.S. vice president and other government officials.

C-40A Military Transport

Entering service with the U.S. Navy in 2001, this modified 737-700 jotiliner will increase the Navy's logistical capability. It can be configured as an all-passenger, all-cargo, or combination passanger-cargo transport.

767 Tanker/Transport

Add pumps, auxiliary fuel tanks, and a below-floor distribution system, and the 767 passenger jet becomes a cost-effective, multimission tanker/ transport. The main cabin remains free for cargo or passenger transport, providing simultaneous refueling and airlift, without time-consuming cabin reconfigurations.

F/A-18E/F Super Hornet

Joint Strike Fighter
The stealthy Boeing Joint Strike

advanced, most lethal, and most

practices to create a concept that

affordable strike lighter ever.

Boeing and its international

industry team are applying

design/manufacturing best

offers affordability without

power from land or sea.

sacrificing performance, JSF

variants will provide superior

air-to-ground and air-to-air strike

maitary and commercial

Fighter will be the most

The Super Homet, the cornerstone of U.S. Naval Aviation, delivers a combination of precision firepower, range, payload-carrying capability, survivability, and capacity for technological growth that will yield a quantum advance in naval strike lighter capability.

F-22 Raptor

As a major contractor on the F-22, Bosing supplies the Raptor's aff fuselage, wings, and tile-support system. It is also responsible for avionics integration and training. The F-22 will enter service with the U.S. Air Force as the world's premier eir-dominance fighter. The Raptor will give pilots control of the skies over any battlefield.

F-15E Eagle

The most capable multirole fighter in the world, the F-15E Eagle carries payloads larger than any other tactical lighter but retains the air-to-air capability of the F-15C. The Eagle can operate around the clock, in any weather, at high speeds and low altitudes, to strike targets with pinpoint precision.

T-45 Goshawk

The two-sent T-45 Goobstwik is the treat of the integrated T-45.

Training System used by the U.S. Navy to prepare pilots for the fleet's carrier-based jets. The system also includes advanced flight simulators, computer assisted instruction, a computerized training integration system, and logistics support.

AV-8B Harrier II Plus

Equipped with the combat-proven APG-65 radar. The vertical/short takeoff and landing Harrier II Plus has new multimission potency added to its ability to operate where other fixed-wing aircraft cannot. The radar and night-attack systems improve the pilot's ability to perform air-to-surface and air-to-air missions in darkness and adverse weather.

Hornet

Homet is flown by

the U.S. Navy, the U.S. Marine Corps, and the air forces of seven nations. The first digital aircraft, the Hornet was also the first designed to light both air-to-air and air-to-ground during a single mission.

C-17 Globemaster III

Operating with a crew of only three, the C-17 transport has a maximum range of 2,400 nautical miles with a psyload of 169,000 pounds. It can be serial refueled for longer missions. The Globemaster accommodates

outsized cargo, such as the M-1 tank, and its cavemous interior can be configured easily for paretrooper, container, or platform airdrops.



Maintenance, Modification and Upgrades

Boeing provides a full range of affordable, fast-turnaround services for both new and aging airframes.

Life-Cycle Customer Support

Boeing provides total life-cycle customer support solutions, including the spare parts, ground support and technical expertise that keep aircraft in the air.



Boeing introduced the world's first Class IV Interactive Electronic Technical Manual. Displayed on a laptop computer, it leads maintainers through more than 30,000 pages of tasks, illustrations, parts information and wire schematics.

Special Operations Programs

At its Special Operations Forces Aerospace Support Center, Boeing provides engineering, logistics support, and systems modifications for the U.S. Air Force's fleet of highly specialized aircraft.



BOEING

MILITARY AIRCRAFT

AND

MISSILE SYSTEMS



www.boeing.com
Copyright 1999 The Boeing Company
All rights reserved
Printed in the U.S.A
GD99-0184/Zig